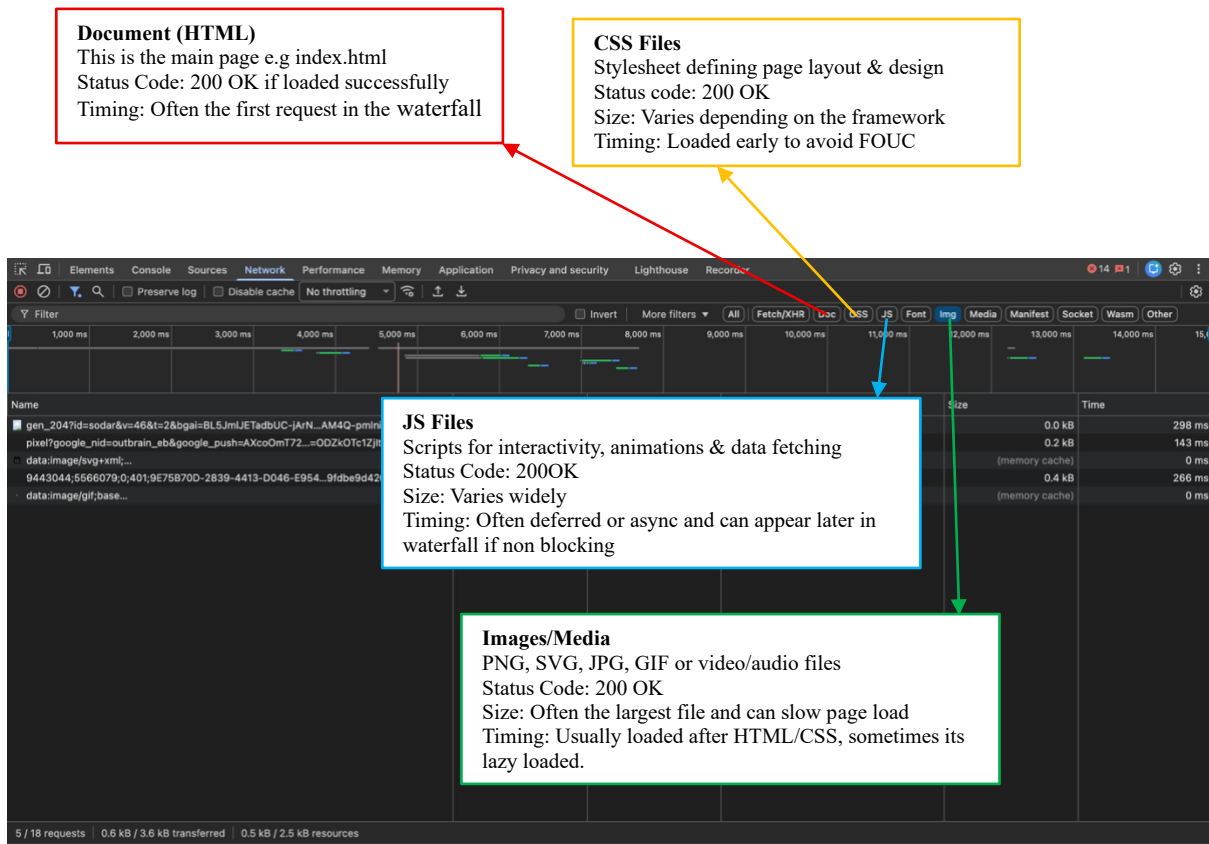


## 1. ANNOTATED BROWSER NETWORK DIAGRAM



## 2. STATUS CODES

- 200 OK → Successfully loaded.
- 304 Not Modified → Cached version used.
- 404 Not Found → Missing file.
- 500 → Server error.

## 3. TIMING WATERFALL

Shows the order and duration of each resource loading.

- Phases:**
  - DNS Lookup:** Time to resolve domain name.
  - Initial Connection / TLS:** Time to connect to server and establish HTTPS.
  - Waiting / TTFB:** Time until first byte received.
  - Content Download:** Time to download the resource.
- Helps identify slow-loading files or bottlenecks.

